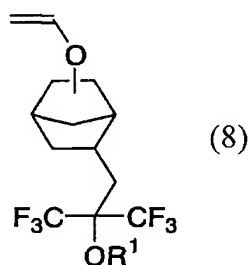


ABSTRACT

A fluorine-containing vinyl ether represented by formula 1,



wherein R represents an organic group containing at least one fluorine atom and a cyclic structure is provided. A fluorine-containing copolymer containing (a) a first unit derived from a first monomer that is a fluorine-containing vinyl ether represented by formula 8:



where R^1 is $-\text{H}$ or a C_1 - C_8 alkyl group that optionally contains an oxygen atom; and (b) a second unit derived from a second monomer that is at least one selected from acrylic esters and methacrylic esters is also provided.